

WHAT IS CLAIMED IS:

1. A plasticized polyvinylbutyral (PVB) composition having from
5 about 17 wt% to about 23 wt% residual hydroxyl, plasticizer in an amount
of from about 30 to about 50 parts per hundred (pph) PVB, and an
adhesion control agent comprising a mixture of potassium and magnesium
salts in a ratio that is in a range of from about 0.05:1 to about 5:1
(weight:weight, potassium:magnesium) and wherein the salts are included
10 in a total concentration of less than 1000 ppm based on the total weight of
the composition.
2. The PVB composition of Claim 1 wherein the ratio is from
about 1:1 to about 5:1.
- 15 3. The PVB composition of Claim 2 wherein the ratio is from
about 2:1 to about 5:1.
4. The PVB composition of Claim 3 wherein the ratio is from
20 about 3:1 to about 5:1.
5. The PVB composition of Claim 4 wherein the ratio is from
about 4:1 to about 5:1.
- 25 6. The composition of Claim 1 wherein the salts are included in
a total concentration of from about 200 to about 1000 ppm.
7. The composition of Claim 6 wherein the salts are included in
a total concentration of from about 250 to about 900 ppm.
- 30 8. The composition of Claim 7 wherein the salts are included in
a total concentration of from about 300 to about 800 ppm.

9. The PVB composition of Claim 8 wherein the ratio is from about 1:1 to about 5:1.

5 10. The PVB composition of Claim 9 wherein the ratio is from about 2:1 to about 5:1.

11. The PVB composition of Claim 10 wherein the ratio is from about 3:1 to about 5:1.

10 12. The PVB composition of Claim 11 wherein the ratio is from about 4:1 to about 5:1.

13. A method for controlling adhesion of PVB to glass in a
15 glass/PVB laminate comprising the step: mixing an adhesion control agent with PVB and a plasticizer to obtain a plasticized PVB composition, wherein the adhesion control agent comprises a mixture of potassium and magnesium salts in a ratio that is in the range of from about 0.05:1 to about 5:1 (weight:weight, potassium:magnesium) and wherein the salts
20 are included in a concentration of less than 1000 ppm based on the total weight of the plasticized PVB composition.